

IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

1-18. (Cancelled).

19. (Currently Amended) An OFDM transmission apparatus comprising:

an adder that adds symbols for synchronization pull-in to a valid symbol, said symbols for synchronization pull-in comprising a synchronization symbol and a phase reference symbol that is identical to the synchronization symbol; and

an inserter that inserts a correlation value suppression signal immediately after the symbols for synchronization pull-in, wherein:

the correlation value suppression signal occupies a shorter interval than a cycle of the phase reference symbol.

Claims 20-22 (Cancelled).

23. (Currently Amended) An OFDM transmission apparatus comprising:

an adder that adds symbols for synchronization pull-in to a valid symbol, said symbols for synchronization pull-in comprising a synchronization symbol of a waveform repeating in a  $1/n$  cycle; and

an inserter that inserts a correlation value suppression signal immediately after the symbols for synchronization pull-in, wherein:

the correlation value suppression signal occupies a shorter interval than a cycle of the synchronization symbol.

Claims 24-30 (Cancelled).

31. (Previously Presented) An OFDM communication method comprising:

adding symbols for synchronization pull-in to a valid symbol, said symbols for synchronization pull-in comprising a synchronization symbol and a phase reference symbol that is identical to the synchronization symbol;

inserting a correlation value suppression signal immediately after the symbols for synchronization pull-in;

delaying a reception signal by a symbol unit;

calculating a correlation value of the reception signal, as received, and the delayed reception signal; and

establishing symbol synchronization by carrying out a  
threshold determination of the calculated correlation value.